

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	44	voltage near2 doubler with (overvoltage voltage near2 surge voltage near2 transient voltage near2 spike excess near2 voltage)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/09 08:30
L2	56	voltage near2 doubler with (overvoltage voltage near2 surge voltage near2 transient voltage near2 spike excess near2 voltage clamp near2 voltage clamping near2 voltage)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/09 07:58
L3	5	voltage near2 doubler with (voltage near2 suppressor voltage near2 suppressing voltage near2 suppression)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/09 08:13
L4	6	("4729081"   "4819145"   "5572415"   "5883502"   "5933342"   "5982649").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/09 08:03
L5	110	AC near2 (switch switching) with (overvoltage voltage near2 surge voltage near2 transient voltage near2 spike excess near2 voltage)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/09 08:09
L6	1	AC near2 (selector selecting selection) with (overvoltage voltage near2 surge voltage near2 transient voltage near2 spike excess near2 voltage)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/09 08:08
L7	93	rectifier near2 (switch switching) with (overvoltage voltage near2 surge voltage near2 transient voltage near2 spike excess near2 voltage)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/09 08:13
L8	0	("cornelisnear2johannes.in.").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/09 08:13
L9	1075	cornelis near2 johannes.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/09 08:13

## EAST Search History

L10	2	voltage near2 doubler and 9	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/09 08:13
L11	229	voltage near2 doubler near8 converter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/09 08:14
L12	6	("5301095"   "5600546"   "5652700"   "5757626"   "5790389"   "5909107").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/09 08:20
L13	2	("6147882").URPN.	USPAT	OR	ON	2007/02/09 08:20
L14	10	("3943428"   "4268899"   "4272704"   "4445166"   "4809152"   "5113337"   "5119282"   "5148087"   "5627455"   "5694006").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/09 08:29
L15	5808	(boosting boost) near3 (converter conversion)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/09 08:30
L16	64	15 with (overvoltage voltage near2 surge voltage near2 transient voltage near2 spike excess near2 voltage)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/09 08:36
L17	312	bridge near2 rectifier with (overvoltage voltage near2 surge voltage near2 transient voltage near2 spike excess near2 voltage)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/09 08:49
L18	2	("4186418"   "5345164").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/09 08:42
L19	0	("6219263").URPN.	USPAT	OR	ON	2007/02/09 08:43
L20	0	("6219263").URPN.	USPAT	OR	ON	2007/02/09 08:43
L21	12	voltage near3 (doubler double doubling) near2 rectifier with (overvoltage voltage near2 surge voltage near2 transient voltage near2 spike excess near2 voltage)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/09 09:25
L22	31	voltage near3 (doubler double doubling) near2 rectifier same (overvoltage voltage near2 surge voltage near2 transient voltage near2 spike excess near2 voltage)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/09 08:51

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L23	217	voltage near3 (doubler double doubling) near2 rectifier and (overvoltage voltage near2 surge voltage near2 transient voltage near2 spike excess near2 voltage)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/09 11:11
L24	5	("4937731"   "5119283"   "5287263"   "5661348"   "6137700").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/09 08:55
L25	6	("4268899"   "4780805"   "4837672"   "5119283"   "5138547"   "5162984").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/09 08:55
L26	12	("5661348").URPN.	USPAT	OR	ON	2007/02/09 08:56
L27	13	("4268899"   "4608500"   "4783729"   "4805083"   "4933832"   "5097402"   "5162984"   "5287263"   "5572415"   "5619127"   "5654884"   "5661348"   "5793626").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/09 09:22
L28	1	("4608500").PN.	US-PGPUB; USPAT	OR	OFF	2007/02/09 09:22
L29	5	("3524072"   "3900787"   "4167777"   "4268899").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/09 09:22
L30	14	("4608500").URPN.	USPAT	OR	ON	2007/02/09 09:23
L31	188	voltage near3 doubler near5 converter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/09 09:25
L32	6	("3851182"   "4642745"   "4780805"   "4930061"   "4959766"   "4967333").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/09 09:28
L33	42	("5119283").URPN.	USPAT	OR	ON	2007/02/09 09:28
L34	19	("2956172"   "3174095"   "3456129"   "3581104"   "4555655"   "4555751"   "4568871"   "4783729"   "5063340"   "5099407"   "5119283"   "5422562"   "5682022"   "5886502"   "5963439"   "6738277").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/09 09:28
L35	13	("3713018"   "4268899"   "4608500"   "4665323"   "4780805"   "4845607"   "4864488"   "4933832"   "4980812"   "5119283"   "5162984"   "5287263").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/09 09:43
L36	4	("4608500"   "4654538"   "4658345"   "4665323").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/09 09:48
L37	5	("3524072"   "3900787"   "4167777"   "4268899").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/09 09:49
L38	14	("4608500").URPN.	USPAT	OR	ON	2007/02/09 10:11
L39	1	("4864700").PN.	US-PGPUB; USPAT	OR	OFF	2007/02/09 10:11
L40	1	("6137700").PN.	US-PGPUB; USPAT	OR	OFF	2007/02/09 10:11
L41	8	("4268899"   "4837672"   "4937731"   "5088019"   "5162984"   "5287263"   "5572415"   "5661348").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/09 10:24
L42	1	("5162984").PN.	US-PGPUB; USPAT	OR	OFF	2007/02/09 10:43

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L43	1	("5933342").PN.	US-PGPUB; USPAT	OR	OFF	2007/02/09 11:11
L44	3135	(361/18,91.1,111).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/02/09 11:11
L45	43	voltage near3 (doubler double doubling) and 44	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/09 11:11
S1	1	("5510944").PN.	US-PGPUB; USPAT	OR	OFF	2007/02/08 09:44
S2	2	("3893006"   "4780809").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/08 09:44
S3	2	("5510944").URPN.	USPAT	OR	ON	2007/02/08 09:45
S4	8	("3125720"   "3681672"   "4805063"   "4956739"   "5510944"   "5880589"   "6268988").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/08 09:45
S5	8	("2550119"   "3143687"   "4093915"   "4278971"   "4401942"   "4419621").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/08 09:46
S6	9	("4805063").URPN.	USPAT	OR	ON	2007/02/08 09:48
S7	4723	rectifier and capacitors same (overvoltage voltage near2 surge voltage near2 spike)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/08 09:50
S8	2352	rectifier and capacitors with (overvoltage voltage near2 surge voltage near2 spike)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/08 09:55
S9	878	S8 and converter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/08 09:50
S10	501	rectifier and capacitors same (overvoltage voltage near2 surge voltage near2 spike) with zener	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/08 09:50
S11	186	S10 and converter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/08 09:50

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S12	19	rectifier and midpoint with capacitors same (overvoltage voltage near2 surge voltage near2 spike)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/08 09:56
S13	104	rectifier and midpoint with capacitors and (overvoltage voltage near2 surge voltage near2 spike)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/08 10:01
S14	1870	(converter conversion) and voltage near2 doubler	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/08 10:20
S15	245	S14 and (overvoltage voltage near2 surge voltage near2 spike)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/08 10:25
S16	5	("4937731"   "5119283"   "5287263"   "5661348"   "6137700").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/08 10:05
S17	8	("4268899"   "4837672"   "4937731"   "5088019"   "5162984"   "5287263"   "5572415"   "5661348").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/08 10:06
S18	6	("3851182"   "4642745"   "4780805"   "4930061"   "4959766"   "4967333").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/08 10:09
S19	10	("4672293"   "4795914"   "4810936"   "4948987"   "4956584"   "4962354"   "5012121"   "5111058"   "5258901"   "5612581").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/08 10:12
S20	102	(rectifier near5 doubler rectifier near4 doubling voltage near3 doubler voltage near3 doubling voltage near3 double) with (transient near3 suppress\$4 overvoltage voltage near2 surge voltage near2 spike)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/08 10:22
S21	297	(rectifier near5 doubler rectifier near4 doubling voltage near3 doubler voltage near3 doubling voltage near3 double) same (transient near3 suppress\$4 overvoltage voltage near2 surge voltage near2 spike)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/08 10:19
S22	87	(converter conversion) and S21	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/08 10:20

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S23	47	(rectifier near5 doubler rectifier near4 doubling voltage near3 doubler voltage near3 doubling voltage near3 double) with (shunt shunting bypass bypassing) near4 (diode zener)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/08 10:24
S24	1716	( voltage near3 doubler voltage near3 doubling voltage near3 double) same (converter conversion)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/08 11:04
S25	162	S24 and (overvoltage voltage near2 surge voltage near2 spike)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/08 11:05
S26	0	("2002/0063116").URPN.	USPAT	OR	ON	2007/02/08 10:27
S27	4	("4750102"   "5493486"   "5640111"   "6278910").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/08 10:27
S28	5	("5310992"   "5930122"   "6054674"   "6069811"   "6269015").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/08 10:28
S29	4	("5272313"   "5310992"   "5319533"   "6054674").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/08 10:29
S30	15	("2830253"   "2997631"   "3815009"   "3846695"   "4415964"   "4540892"   "4564742"   "4608498"   "4608500"   "4641234"   "4780805"   "4843301"   "4845607").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/08 10:30
S31	7	("3846692"   "3852731"   "4540892"   "4665323"   "4780805"   "4783729"   "4805083").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/08 10:30
S32	10	("4672293"   "4795914"   "4810936"   "4948987"   "4956584"   "4962354"   "5012121"   "5111058"   "5258901"   "5612581").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/08 10:36
S33	7	("4316133"   "4685120"   "4795914"   "4810936"   "4930036"   "4956584"   "4962354").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/08 10:36
S34	33	("5111058").URPN.	USPAT	OR	ON	2007/02/08 10:37
S35	6	("3851182"   "4642745"   "4780805"   "4930061"   "4959766"   "4967333").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/08 10:40
S36	14	("3851182").URPN.	USPAT	OR	ON	2007/02/08 10:40
S37	19	("3713018"   "3720868"   "3851182"   "4268899"   "4665323"   "4780805"   "4837672"   "4864488"   "4933832"   "4937731"   "5097402"   "5119283"   "5138547"   "5162984"   "5287263"   "5781427"   "5793626"   "5831846").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/08 10:41
S38	3	("3851182"   "4268899"   "5119283").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/08 10:42
S39	5	("3354379"   "3851182"   "3961152"   "4193111").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/08 10:43
S40	19	("4268899").URPN.	USPAT	OR	ON	2007/02/08 10:43

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S41	5	("3524072"   "3900787"   "4167777"   "4268899").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/08 10:47
S42	14	("4608500").URPN.	USPAT	OR	ON	2007/02/08 10:48
S43	7	("4389702"   "4608500"   "4665323"   "4730122"   "4780805"   "4800329"   "5097402").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/08 10:48
S44	18	("4665323"   "4837672"   "4937731"   "5119283"   "5126984"   "5146398"   "5235504"   "5287263"   "5313382"   "5321600"   "5349284"   "5367247"   "5391976"   "5408403"   "5420780"   "5432431"   "5446366"   "5572415").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/08 10:54
S45	15945	( voltage near3 doubler voltage near3 doubling voltage near3 double)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/08 12:46
S46	97	S45 WITH (overvoltage voltage near2 surge voltage near2 spike)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/08 11:34
S47	209	S45 AND (overvoltage voltage near2 surge voltage near2 spike) NEAR3 (PROTECTION PROTECTING PROTECTOR)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/08 11:26
S48	2	("3893006"   "4780809").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/08 11:26
S49	2	("5510944").URPN.	USPAT	OR	ON	2007/02/08 11:26
S50	5	DOUBLER with (overvoltage voltage near2 surge voltage near2 spike) NEAR3 (PROTECTION PROTECTING PROTECTOR)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/08 11:28
S51	65	voltage near2 DOUBLER with zener	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/08 11:31
S52	5	voltage near2 DOUBLER with leakage near2 current	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/08 11:31

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S53	15	voltage near2 DOUBLER with dissipat\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/08 11:32
S54	273	S45 same (overvoltage voltage near2 surge voltage near2 spike)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/08 12:12
S55	259	(363/52).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/02/08 11:35
S56	20	("2956172"   "3174095"   "3456129"   "3581104"   "3810026"   "4555655"   "4555751"   "4568871"   "4783729"   "5063340"   "5099407"   "5119283"   "5422562"   "5682022"   "5886502"   "5963439"   "6738277").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/08 11:35
S57	2	("4783729"   "5099407").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/08 11:35
S58	9	("1686022"   "2737625"   "3358220"   "3373335"   "4333046").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/08 11:38
S59	9	("3253202"   "3346795"   "4052648"   "4072880"   "4151453"   "4176307"   "4190793").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/08 11:38
S60	21	("4333046").URPN.	USPAT	OR	ON	2007/02/08 11:45
S61	21279	("363").CLAS.	US-PGPUB; USPAT	OR	OFF	2007/02/08 11:45
S62	2506	S61 and (overvoltage voltage near2 surge voltage near2 spike)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/08 11:45
S63	220	S45 and S62	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/08 11:45
S64	361	S45 same voltage near2 (limit limiter limiting)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/08 12:24
S65	429	(midpoint series) near2 capacitor with (overvoltage voltage near2 surge voltage near2 spike)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/08 12:13



## EAST Search History

S66	108	S65 and (conversion converter)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/08 12:17
S67	1	("4568871").PN.	US-PGPUB; USPAT	OR	OFF	2007/02/08 12:17
S68	9	("1686022"   "2737625"   "3358220"   "3373335"   "4333046").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/08 12:17
S69	9	("3253202"   "3346795"   "4052648"   "4072880"   "4151453"   "4176307"   "4190793").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/08 12:17
S70	21	("4333046").URPN.	USPAT	OR	ON	2007/02/08 12:18
S71	10	("4118768"   "4127895"   "4333046"   "4567537"   "4642746"   "4819145"   "4839570"   "4888813"   "4910447"   "4999556").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/08 12:18
S72	7	("3343064"   "3500169"   "4202032"   "4527229"   "4626697").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/08 12:19
S73	7	("3343064"   "3500169"   "4202032"   "4527229"   "4626697").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/08 12:19
S74	93	(swith switching) near2 mode with voltage near2 (limit limiter limiting surge spike transient over) and (conversion converter)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/08 12:27
S75	857	capacitors with voltage near2 (limit limiter limiting surge spike transient over) and S45	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/08 12:27
S76	511	capacitors near5 voltage near2 (limit limiter limiting surge spike transient over) and S45	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/08 12:27
S77	121	capacitors near5 voltage near2 (limit limiter limiting surge spike transient over) same S45	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/08 12:46
S78	20	("2956172"   "3174095"   "3456129"   "3581104"   "3810026"   "4555655"   "4555751"   "4568871"   "4783729"   "5063340"   "5099407"   "5119283"   "5422562"   "5682022"   "5886502"   "5963439"   "6738277").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/08 12:29
S79	2	("4783729"   "5099407").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/08 12:29

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S80	5	("3041501"   "4545464"   "4678063"   "5063340").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/08 12:30
S81	2	("5682022").URPN.	USPAT	OR	ON	2007/02/08 12:31
S82	5	("3069562"   "3166639"   "3911324").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/08 12:33
S83	5	("3076131"   "3358210"   "3723850").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/08 12:34
S84	10	("3911324").URPN.	USPAT	OR	ON	2007/02/08 12:34
S85	9	("3911324"   "4555751"   "4686619"   "4831508"   "4855890"   "5422804"   "5535906"   "5874788"   "6212083").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/08 12:35
S86	6	("4729081"   "4819145"   "5572415"   "5883502"   "5933342"   "5982649").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/08 12:35
S87	5	("3456129").URPN.	USPAT	OR	ON	2007/02/08 12:44
S88	1563	( voltage near3 doubler voltage near3 doubling voltage near3 double) near7 (switch switching)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/08 12:46
S89	47	S88 near5 voltage near2 (limit limiter limiting surge spike transient over)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/08 13:05
S90	14845	(switch switching) near5 voltage near2 (limit limiter limiting surge spike transient over)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/08 12:51
S91	9100	(switch switching) near5 voltage near2 (limit limiter limiting surge spike transient)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/08 12:51
S92	311	S45 and S91	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/08 13:01
S93	1109	(361/18).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/02/08 13:01

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S94	17	S45 and S93	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/08 13:05
S95	400	doubler near5 converter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/08 13:10
S96	70	S95 and voltage near2 (limit limiter limiting surge spike transient over)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/08 13:11
S97	9	("3911324"   "4555751"   "4686619"   "4831508"   "4855890"   "5422804"   "5535906"   "5874788"   "6212083").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/08 13:07
S98	5330	voltage near2 doubler	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/08 13:11
S99	1329	S98 and voltage near2 (limit limiter limiting surge spike transient over)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/08 13:21
S100	986	S98 and voltage near2 (limit limiter limiting surge spike transient )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/08 13:11
S101	197	S98 same voltage near2 (limit limiter limiting surge spike transient )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/08 13:11
S102	3	boost near2 capacitor near5 voltage near2 (limit limiter limiting surge spike transient)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/08 13:21

## EAST Search History

S10 3	4	boost near2 capacitor with voltage near2 (limit limiter limiting surge spike transient)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/08 13:21
S10 4	34	boost near2 capacitor same voltage near2 (limit limiter limiting surge spike transient)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/08 13:29
S10 5	1	("2269950").PN.	US-PGPUB; USPAT	OR	OFF	2007/02/09 07:51